

# TS-100 Turbo Station

# All-in-one NAS Server for Home Users

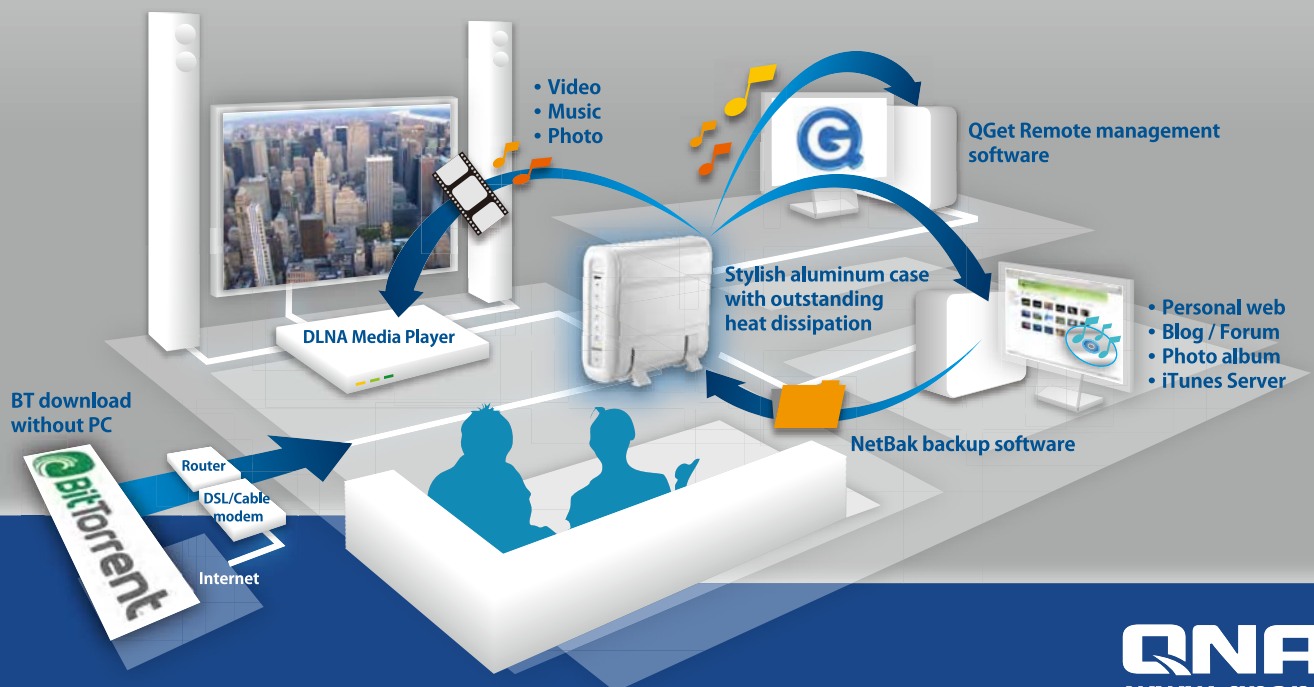
QNAP TS-100 Turbo Station is the most affordable mini Network Attached Storage (NAS) product designed for home users. It adopts stylish silver/white aluminum housing with the most user-friendly interface and complete feature sets. It can act as a perfect multimedia storage center for families to back up their photos, music, and home videos easily. It is also a home server with lots of attractive features such as iTunes server, UPnP media server, Multimedia Station, etc.. Home users can share and enjoy the multimedia files in the easiest way.

## Enjoy your digital home storage center

- Built-in UPnP Media Server. TS-100 can work well with DLNA compliant media players. Users can watch photos, video on TV, and listen to the music on their Hi-Fi system.
- Enjoy the music sharing by iTunes Server.
- Multimedia Server for photo backup and sharing.
- Best client backup software to backup data in your computers.
- Non-stop BitTorrent, FTP and HTTP download without PC.
- Best P2P download remote monitoring software, QGet (also can centrally manage multiple NAS download)
- Establish interactive website. (PHP and SQLite)
- Unique Web File Manager, users can easily access and manage the stored files by browser, anytime and anywhere.

## Own a full featured server in the easiest way

- |                    |                     |                      |
|--------------------|---------------------|----------------------|
| • File Server      | • FTP Server        | • Backup Server      |
| • Download Station | • Web Server        | • Multimedia Station |
| • Media Server     | • iTunes Server     | • Printer Server     |
| • Mirror Station   | • Disaster Recovery |                      |



## Hardware Spec.

Processor	SoC 200MHz
Memory	32MB DRAM, 4MB Flash
HDD Capacity	1 x 3.5" SATA HDD, up to 750GB or above (the standard system is shipped without HDD)
LAN Port	1 x Gigabit RJ-45 Ethernet port
LED Indicators	USB, Status, HDD, eSATA, LAN, Power
USB	3 x USB 2.0, support USB printer, disk, digital camera, pen drive, card reader, USB hub
eSATA	1 x eSATA port Intelligent USB auto copy button
Buttons	Power button, Reset button
Alarm Buzzer	System warning
Form Factor	Portable desktop
Dimensions	210(D) x 60(W) x 182(H) mm
Weight	Net weight: 1.2Kg, Gross weight: 2.5Kg
Operation	Temperature 0~35°C
Environment	Humidity 0~85% R.H
Power Supply	External power adapter, 36W, 100~240V
Energy-saving	Fanless, HDD sleeping mode
Design	Low power consumption & low noise
Thermal Solution	Heat dissipation by aluminum case
Secure Design	K-Lock security slot for theft prevention Power cord hook for kicking-off prevention

## Powerful All-in-one Server

File Server	Share files across Windows/Mac and centralize management
FTP Server	Access file from remote location via FTP server
Backup Server	Client-side backup software-NetBak Replicator supports instant, schedule and real-time backup
Mirror Station	Protect data by Q-RAID 1 technology
Print Server	Network printer sharing via USB (Support Windows platform only)
Disaster Recovery	Block level remote replication supports instant, scheduled, synchronization mode remote backup management
Web Server	Establish users own web page and interactive websites with PHP and SQLite
UPnP MediaServer	Support UPnP/DLNA multimedia technology
iTunes Server	Turbo Station can act as an iTunes server on your network, and you can play all your music files by iTunes software on your PC/NB
Multimedia Station	<ul style="list-style-type: none"> <li>Image slide show, Rotate (+90°, -90°)</li> <li>Showing photo information from digital camera</li> <li>Viewing by thumbnail</li> <li>Album management</li> <li>Multimedia (video, audio) file local play</li> </ul>
Download Station	<ul style="list-style-type: none"> <li>Support BitTorrent/FTP/HTTP Download</li> <li>Download task management (automatic relaying if interrupted)</li> <li>Download configuration(current download seed number, port setting, upload / download speed, UPnP port forwarding)</li> <li>Download status list management</li> <li>Support access from Mac by Mozilla Firefox</li> </ul>

## Comparison of Turbo Station Series NAS

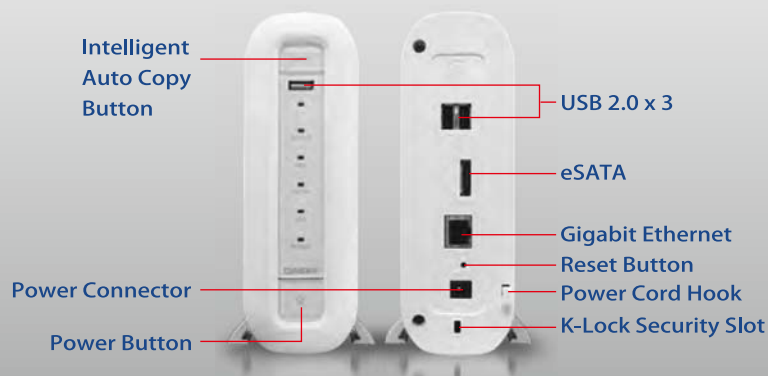
	TS-100	TS-101	TS-109
Target Customer	Home Users	Home/ SOHO Users	Professional/ SOHO and SMB Users
CPU	SoC, 200MHz	SoC, 266MHz	High-speed SoC
RAM	32MB	64MB	128MB
Web Server	PHP/SQLite	PHP/ SQLite	PHP/ MySQL and SQLite (dual support)
Windows AD Service	No	No	Yes
UPnP/ DLNA	QNAP UPnP / DLNA	Townky UPnP/ DLNA	Townky UPnP/ DLNA
Media Server		with Internet Radio	with Internet Radio
NFS (Unix/Linux)	No	No	Yes
Performance* FTP	5.7MB/s	11MB/s	26MB/s
SAMBA	7.7MB/s	12.5MB/s	17.8MB/s

\* FTP/SAMBA download performance may differ under different environment.

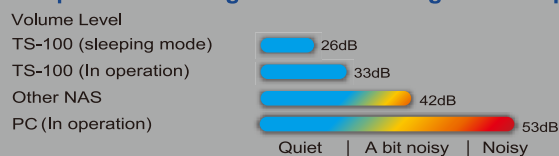
## Software Spec.

Operation System	Linux embedded system
Network Transport Protocols	TCP/IP • AppleTalk®
Network File Protocols	Microsoft® networks (CIFS/SMB), Apple®(AFP) Internet (HTTP), File transfer protocol (FTP, max suggested 16 concurrent connections), Secure Internet (HTTPS)
OS Supported ( for Client PC )	Microsoft® Windows® 98/ME/NT/2000/XP/2003/Vista* Macintosh® OS9/OSX
Network Management	Fixed IP address, Dynamic IP address, DDNS service, DHCP server, Jumbo frame
Disk Management	<ul style="list-style-type: none"> <li>Single disk</li> <li>Q-RAID 1 with external USB/eSATA hard disk</li> <li>Disk usage status management</li> <li>Check disk / Bad blocks scan</li> </ul>
Device Configuration	• SATA disk • USB disk • USB printer • eSATA disk
User Management	<ul style="list-style-type: none"> <li>User account management (max 512 users)</li> <li>User group management (max 1024 groups)</li> <li>Configurable password by user</li> </ul>
File System Management	<ul style="list-style-type: none"> <li>Network share management (max 1023 Shares)</li> <li>Share level ACL support • Unicode support</li> <li>Journaling file system • Over 2 GB files support</li> <li>Web file manager</li> </ul>
System Tools	<ul style="list-style-type: none"> <li>E-mail alert (support SMTP authentication)</li> <li>HDD standby mode setting • Disk usage alert</li> <li>Auto power on • System firmware upgrade</li> <li>Change homepage Logo • Network recycle bin</li> <li>Backup/Restore/Reset system setting</li> </ul>
Event Log	Display system log/alert/error
System Management	<ul style="list-style-type: none"> <li>Web-based administration(auto detect language)</li> <li>Quick Install Wizard • LED display</li> <li>Reset button • Support network time protocol</li> </ul>
Multi-language Support	English, Traditional Chinese, Simplified Chinese, Japanese, Korean, French, German, Italian, Spanish, Russian
Backup Management	<ul style="list-style-type: none"> <li>Support client backup software NetBak Replicator</li> <li>Schedule to Remote Replication backup</li> <li>Block level Remote Replication</li> </ul>

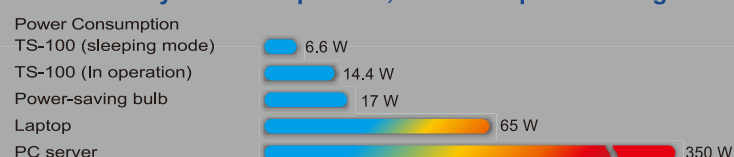
\*To be supported in future firmware and utilities. Specifications subject to change without notice. Please contact QNAP for updated information.



## Unique fanless design with outstanding heat dissipation



## Consume only 14.4 W in operation, lower than power-saving bulb



## QNAP Systems, Inc.

TEL: 886-2-8698 2000 FAX: 886-2-8698 2270

Address: 21F, No. 77, Sec. 1, Xintai 5th Rd, Xizhi City, Taipei County, 221, Taiwan, R.O.C.

QNAP is a registered trademark of QNAP Systems, Inc. Microsoft and Windows are either registered trademarks of Microsoft® Corporation in the United States and other countries. AppleTalk®, Mac® and Macintosh® are trademarks of Apple computer, Inc. registered in the U.S and other countries.

**TS-100**  
Turbo Station



**QNAP**  
www.qnap.com